

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44*bis*)

Applicant's or agent's file reference 29757/P-902	FOR FURTHER ACTION	See item 4 below
International application No. PCT/US2004/028184	International filing date (<i>day/month/year</i>) 31 August 2004 (31.08.2004)	Priority date (<i>day/month/year</i>) 12 September 2003 (12.09.2003)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant IGT		

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 <i>bis</i> .1(a).																								
2.	This REPORT consists of a total of 7 sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.																								
3.	<p>This report contains indications relating to the following items:</p> <table style="width: 100%;"> <tr> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 30%;">Box No. I</td> <td style="width: 60%;">Basis of the report</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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<input type="checkbox"/>	Box No. VIII	Certain observations on the international application																							
4.	The International Bureau will communicate this report to designated Offices in accordance with Rules 44 <i>bis</i> .3(c) and 93 <i>bis</i> .1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44 <i>bis</i> .2).																								

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Date of issuance of this report 13 March 2006 (13.03.2006)
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PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

REC'D 09 FEB 2005

To:

see form PCT/ISA/220

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/US2004/028184

International filing date (day/month/year)
31.08.2004

Priority date (day/month/year)
12.09.2003

International Patent Classification (IPC) or both national classification and IPC
G07F17/32

Applicant
IGT

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2004/028184

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ in written format
 - ☐ in computer readable form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2004/028184

Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-32
	No: Claims	
Inventive step (IS)	Yes: Claims	
	No: Claims	1-32
Industrial applicability (IA)	Yes: Claims	1-32
	No: Claims	

2. Citations and explanations

see separate sheet

Re Item V

**Reasoned statement with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement**

1). Reference is made to the following documents:

D1: US-A-5580055

D2: WO-A-02065192

2). Claim 1 does not fulfil the requirements of Art. 33(3) PCT.

D1 a gaming apparatus (Figure 1), comprising:

a display unit (5-10) (Figures 7-8) capable of displaying three-dimensional images (column 6 lines 48-53, column 6 lines 59-63 see especially "Each picture is taken from a different perspective of a three-dimensional object or symbol", column 7 lines 6-14 see especially "the composite picture contains images for the right and left eyes....and stereoscopic effect....is observed", the stereoscopic effect corresponds to the three-dimensional effect), said display unit (5-10) (Figures 7-8) comprising a display screen (5, 6, 7, T2) having a plurality of reels (5, 6, 7) and a lenticular screen (T1) coupled with said display screen (see Figures 7, 8);

a value input device (12);

a controller (16, 19, 20, 32) operatively coupled to said display unit (5-10) (see Figure 4) and said value input device (12), said controller (16, 32) comprising a processor (column 5 line 29 "microprocessor unit 16") and a memory (19, 20) operatively coupled to said processor (Figure 4),

said controller being programmed to cause said display unit to generate a game display relating to one of the following games: poker, blackjack, slots, keno or bingo (see Figure 4 reels 5-7 represent slots),

first and second perspective views being displayed simultaneously (column 6 lines 59-64, column 7 lines 6-14),

said controller being programmed to determine a value payout associated with an outcome of said game (column 4 line 55-column 5 line 9).

The following features of claim 1 are not known from D1 :

- (i) display unit having a plurality of display pixels,
- (ii) said controller being programmed to receive image data relating to a combination of a plurality of perspective views of an image, said plurality of perspective views being interlaced to form said image when displayed simultaneously,
- (iii) said controller being programmed to cause said display unit to generate a three-dimensional display from said image data, said three-dimensional display comprising a first perspective view of said image when said image is viewed from a first angle and a second perspective view of said image when said image is viewed from a second angle.

D1 (Figures 7-8, column 6 line 46-column 7 line 14) discloses a three dimensional display wherein the images provided by that display are visible depending on the angle of view. The display used in D1 (5-10) is a mechanical display.

It is well-known to the skilled person before the priority date of the application that the display of gaming machines is implemented either as mechanical or as video display (such as LCD, luminescent, conventional cathode ray tube displays or plasma display). In D2 (Abstract, page 11 line 13-page 12 line 11, page 22 line 20- page 24 line 5 see specially "an image that appears to be three-dimensional", Figure 5) a LCD 2 with an overlying lenticular sheet (see page 23 lines 10-11) is provided for achieving a three-dimensional image.

The skilled person in view of the mentioned citations of D2 would provide features (i-

iii) to the teaching of D1 for the purpose **of providing an alternative display to that of D1**, because with the provision of the teaching of D2 to D1, the display of D1 is substituted by a LCD display as indicated in D2 Figure 5. It has to be added that because the LCD 2 presents images A and B, the processor behind the display 2 is presenting the corresponding images A and B for achieving the mentioned three-dimensional appearance (see D2 page 24 line 5).

The subject-matter of claim 1 does therefore not involve an inventive step (Art. 33(3) PCT).

- 3). Further features of claims 2-32 not disclosed in claim 1 refer either to commonplace features on the field of gaming machines or to commonplace features in the field of stereoscopic displays. None of those further features seem to serve as basis for an allowable independent claim.
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